

# Massachusetts Health Care Quality and Cost Information: Technical Report

## Vaginal Birth After Cesarean (VBAC) Volume and Utilization, FY04

Hospital Name	Total Previous C-sections	Total VBACs	Observed Rate	Risk-adjusted rate	Lower Confidence Interval	Upper Confidence Interval	Utilization	Days in Hospital
All Massachusetts Hospitals	10298	1443	14.01	14.41	13.70	15.13		
Anna Jaques Hospital	108	30	27.78	28.14	21.18	35.10	↑	2
Baystate Medical Center	574	115	20.03	20.20	17.18	23.22	↑	2
Berkshire Medical Center	76	23						
BI Deaconess Medical Center	687	87	12.66	13.36	10.60	16.12	↔	3
Boston Medical Center	221	37	16.74	16.83	11.96	21.70	↔	3
Brigham and Women's Hospital	1038	167	16.09	16.68	14.43	18.93	↑	3
Brockton Hospital	165	15						
Cambridge H.A.— Cambridge Campus	132	32	24.24	24.39	18.09	30.68	↑	2
Cape Cod Hospital	120	15						
Caritas Good Samaritan Medical Center	164	19						
Caritas Holy Family Hospital	217	<10						
Caritas Norwood Hospital	71	12						
Caritas St. Elizabeth's Medical Center	220	16						
Cooley Dickinson Hospital	84	10						
Emerson Hospital	194	21						
Fairview Hospital	22	0						
Falmouth Hospital	89	<10						
Franklin Medical Center	44	<10						
Hallmark H.S.— Melrose-Wakefield Hospital Ca	247	14						
Harrington Memorial Hospital	47	<10						
HealthAlliance Hospital — Leominster	141	11						
Heywood Hospital	68	21						
Holyoke Medical Center	81	14						
Jordan Hospital	78	<10						
Lawrence General Hospital	273	14						
Lowell General Hospital	236	31	13.14	13.34	8.63	18.05	↔	2
Martha's Vineyard Hospital	20	0						
Mary Lane Hospital	16	0						
Massachusetts General Hospital	412	67	16.26	16.82	13.25	20.38	↔	2
Mercy Medical Center	145	30	20.69	20.50	14.49	26.51	↑	2

### Notes:

Source: DHCFFP Hospital Discharge Data and 403 Hospital Cost Report  
 Rates not calculated for hospitals with fewer than 30 cases.  
 CMI (Case-mix Index): no statistical variation across hospitals.

### Legend:

\$ Hospitals with lowest 25% of costs      ↑ Utilization significantly higher than state average  
 \$\$ Hospitals in middle 50% of costs      ↔ Utilization same as state average  
 \$\$\$ Hospitals with highest 25% of costs      ↓ Utilization significantly lower than state average

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All Massachusetts Hospitals	10298	1443	14.01	14.41	13.70	15.13		
MetroWest M.C. — Framingham Campus	327	23						
Milford Regional Medical Center	124	15						
Morton Hospital and M.C.	86	11						
Mount Auburn Hospital	196	41	20.92	21.74	16.57	26.91	↑	2
Nantucket Cottage Hospital	<10	0						
Newton-Wellesley Hospital	454	62	13.66	14.48	11.09	17.88	↔	2
North Adams Regional Hospital	30	<10						
North Shore M.C. — Salem Hospital	236	33	13.98	14.42	9.71	19.13	↔	2
Northeast H.S. — Beverly Campus	306	56	18.30	18.84	14.70	22.97	↑	2
Saint Vincent Hospital	215	48	22.33	22.54	17.61	27.48	↑	2
Saints Memorial Medical Center	76	<10						
South Shore Hospital	660	110	16.67	17.26	14.44	20.08	↑	3
Southcoast H.G. — Charlton Memorial Campus	163	14						
Southcoast H.G. — St. Luke's Campus	187	14						
Southcoast H.G. — Tobey Hospital Campus	65	14						
Sturdy Memorial Hospital	127	15						
Tufts-NEMC	150	22						
UMass Memorial Medical Center	598	102	17.06	17.44	14.48	20.40	↑	3
Winchester Hospital	302	22						

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\$\$ Hospitals in middle 50% of costs

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↑ Utilization significantly higher than state average

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Cost	Quartile Range
\$\$\$	> \$4,238
\$\$	\$2,742-\$4,238
\$\$	\$2,742-\$4,238
\$\$	\$2,742-\$4,238
\$	< \$2,742
\$\$	\$2,742-\$4,238
\$\$\$	> \$4,238
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verage	